# Section One: Multiple Choice – Maximum 20 marks

Each question has ONE correct answer unless indicated otherwise.

Instructions: Choose the best answer from the options provided. Each question carries 1 mark.

**{{MCQ1}}**

a) {{MCQ1\_a}}

b) {{MCQ1\_b}}

c) {{MCQ1\_c}}

d) {{MCQ1\_d}}

*Answer: {{MCQ1\_correct}}*

**{{MCQ2}}**

a) {{MCQ2\_a}}

b) {{MCQ2\_b}}

c) {{MCQ2\_c}}

d) {{MCQ2\_d}}

*Answer: {{MCQ2\_correct}}*

**Q3. {{MCQ3}}**

a) {{MCQ3\_a}}

b) {{MCQ3\_b}}

c) {{MCQ3\_c}}

d) {{MCQ3\_d}}

*Answer: {{MCQ3\_correct}}*

**Q4. {{MCQ4}}**

a) {{MCQ4\_a}}

b) {{MCQ4\_b}}

c) {{MCQ4\_c}}

d) {{MCQ4\_d}}

*Answer: {{MCQ4\_correct}}*

**Q5. {{MCQ5}}**

a) {{MCQ5\_a}}

b) {{MCQ5\_b}}

c) {{MCQ5\_c}}

d) {{MCQ5\_d}}

*Answer: {{MCQ5\_correct}}*

**Q6. {{MCQ6}}**

a) {{MCQ6\_a}}

b) {{MCQ6\_b}}

c) {{MCQ6\_c}}

d) {{MCQ6\_d}}

*Answer: {{MCQ6\_correct}}*

**Q7. {{MCQ7}}**

a) {{MCQ7\_a}}

b) {{MCQ7\_b}}

c) {{MCQ7\_c}}

d) {{MCQ7\_d}}

*Answer: {{MCQ7\_correct}}*

**Q8. {{MCQ8}}**

a) {{MCQ8\_a}}

b) {{MCQ8\_b}}

c) {{MCQ8\_c}}

d) {{MCQ8\_d}}

*Answer: {{MCQ8\_correct}}*

**Q9. {{MCQ9}}**

a) {{MCQ9\_a}}

b) {{MCQ9\_b}}

c) {{MCQ9\_c}}

d) {{MCQ9\_d}}

*Answer: {{MCQ9\_correct}}*

**Q10. {{MCQ10}}**

a) {{MCQ10\_a}}

b) {{MCQ10\_b}}

c) {{MCQ10\_c}}

d) {{MCQ10\_d}}

*Answer: {{MCQ10\_correct}}*

**Q11. {{MCQ11}}**

a) {{MCQ11\_a}}

b) {{MCQ11\_b}}

c) {{MCQ11\_c}}

d) {{MCQ11\_d}}

*Answer: {{MCQ11\_correct}}*

**Q12. {{MCQ12}}**

a) {{MCQ12\_a}}

b) {{MCQ12\_b}}

c) {{MCQ12\_c}}

d) {{MCQ12\_d}}

*Answer: {{MCQ12\_correct}}*

**Q13. {{MCQ13}}**

a) {{MCQ13\_a}}

b) {{MCQ13\_b}}

c) {{MCQ13\_c}}

d) {{MCQ13\_d}}

*Answer: {{MCQ13\_correct}}*

**Q14. {{MCQ14}}**

a) {{MCQ14\_a}}

b) {{MCQ14\_b}}

c) {{MCQ14\_c}}

d) {{MCQ14\_d}}

*Answer: {{MCQ14\_correct}}*

**Q15. {{MCQ15}}**

a) {{MCQ15\_a}}

b) {{MCQ15\_b}}

c) {{MCQ15\_c}}

d) {{MCQ15\_d}}

*Answer: {{MCQ15\_correct}}*

**Q16. {{MCQ16}}**

a) {{MCQ16\_a}}

b) {{MCQ16\_b}}

c) {{MCQ16\_c}}

d) {{MCQ16\_d}}

*Answer: {{MCQ16\_correct}}*

**Q17. {{MCQ17}}**

a) {{MCQ17\_a}}

b) {{MCQ17\_b}}

c) {{MCQ17\_c}}

d) {{MCQ17\_d}}

*Answer: {{MCQ17\_correct}}*

**Q18. {{MCQ18}}**

a) {{MCQ18\_a}}

b) {{MCQ18\_b}}

c) {{MCQ18\_c}}

d) {{MCQ18\_d}}

*Answer: {{MCQ18\_correct}}*

**Q19. {{MCQ19}}**

a) {{MCQ19\_a}}

b) {{MCQ19\_b}}

c) {{MCQ19\_c}}

d) {{MCQ19\_d}}

*Answer: {{MCQ19\_correct}}*

**Q20. {{MCQ20}}**

a) {{MCQ20\_a}}

b) {{MCQ20\_b}}

c) {{MCQ20\_c}}

d) {{MCQ20\_d}}

*Answer: {{MCQ20\_correct}}*

# Section Two – Theory: Open Written Questions – 40 Marks

Q1. {{OWQ1}} (5marks)

|  |
| --- |
| *{{OWQ1\_correct}}* |

Q2. {{OWQ2}} (5marks)

|  |
| --- |
| *{{OWQ2\_correct}}* |

Q3. {{OWQ3}} (5marks)

|  |
| --- |
| *{{OWQ3\_correct}}* |

Q4. {{OWQ4}} (5marks)

|  |
| --- |
| *{{OWQ4\_correct}}* |

Q5. {{OWQ5}} (5marks)

|  |
| --- |
| *{{OWQ5\_correct}}* |

Q6. {{OWQ6}} (5marks)

|  |
| --- |
| *{{OWQ6\_correct}}* |

Q7. {{OWQ7}} (5marks)

|  |
| --- |
| *{{OWQ7\_correct}}* |

Q8. {{OWQ8}} (5marks)

|  |
| --- |
| *{{OWQ8\_correct}}* |

# Section Three – Practical – 40 Marks

Practical in Visual Studio. Follow the instructions in the Practical Part file.